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SEQ ID NO 6 SEQ ID NO 5

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(51) International Patent Classification 7:		(11) International Po	ublication Number:	WO 00/11175	
C12N 15/29, 15/62, 15/82, C07K 14/415, 7/08, A01H 5/00	A1	(43) International Po	ublication Date:	2 March 2000 (02.03.00)	
(21) International Application Number: PCT/GB99/02716 (22) International Filing Date: 17 August 1999 (17.08.99) (30) Priority Data: 9818001.1 18 August 1998 (18.08.98) GB 9826753.7 4 December 1998 (04.12.98) GB		BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, IP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,			
		SE, SG, S VN, YU, B SD, SL, S KZ, MD, DE, DK,	MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,		
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(54) Title: GENETIC METHOD FOR THE EXPRESSION OF POLYPROTEINS IN PLANTS					
Construct #					
3105 SP Dm-AMP1 Dm-AMP1		WOEVATPEDVEPG	Rs-AFP2		
internal propeptide of lo-AMP: SNAADEVATPEDVEPG SEQ ID NO 3					
3106 SP Dm-AMP1 Dm-AMP1			Rs-AFP2		
KKAEKLAQDKLKAEQL IGKR KEX2 recognition site SEQ ID NO 4 C-terminal propeptide of Dm-AMP1: KKAEKLAQDKLKAEQLAQDKLNAQKLDRDAKKVVPNVEHP SEQ ID NO 5					
3107 SP Dm-AMP1 Dm-AMP1			Rs-AFP2	KEXS	

(57) Abstract

A method of expressing or improving expression levels of one or more proteins in a transgenic plant comprising inserting into the genome of said plant a DNA sequence comprising a promoter region operably linked to two or more protein encoding regions and a 3'-terminator region wherein said protein encoding regions are separated from each other by a DNA sequence coding for a linker propeptide, said propeptide providing a cleavage site whereby the expressed polyprotein is post-translationally processed into the component protein molecules. In particular, a signal sequence is also included such that the post-translational processing is effected in the secretory pathway of plants. Suitable linker sequences and DNA constructs for use in the method are also described.

C-terminal propertide of Dm-AMP1: KKAEKLAQDKLKAEQLAQDKLNAQKLDRDAKKVVPNVEHP

KKAEKLAQDKLKAEQLAQDKLNAQKLDRDAKKVVPNVEHP